

Massachusetts All-Payer Claims Database: Technical Assistance Group (TAG) meeting with Health Care Payers

June 12, 2012



DIVISION OF
Health Care
Finance and Policy

Objectives for today's meeting

- Welcome and Introductions
- APCD Implementation Updates
 - Data Release
 - Claim Versioning
 - Submission Guideline Updates
- **NEW Quality Assurance (QA) Profile Reports**
- Technical Support – Payer Specific Questions
- Open Discussion

Data Release

Schedule: On Target for Late June/Early Summer

Data Release Committee

Data Release Administrative Bulletin

Application Release

Claim Versioning

5 Basic Steps to Claim Versioning

Overall principal is that the data will remain as filed. Where possible a claim line will be set to the highest version based on our versioning steps.

Cleaning

Claims with Claim Type set to Replacement or Amendment with negative values are treated as Voids and Backouts.

Resolving Duplicates

Claim lines seen as exact duplicates are ignored in the setting of highest version.

Resolving Voids and Backouts

Treat as Voided any claim that matches a Void or Backout based on Matching Criteria*

Replacements and Amendments

Treat as Replaced any claim that matches a Replacement or Amendment based on Matching Criteria*

Setting the Highest Version

Set Highest Version Flag for any claim that was

- not treated as a claim that was backed out, voided, replaced or duplicate
- Claim Status was not 04 – denied or 22 - reversal

*Matching Criteria - OrgID, PayerClaimcontrolNumber, HashCarrierSpecificUniqueMemberID, ProcedureCode, DateOfServiceFrom, RevenueCode, TypeOfClaim and ChargeAmount



Submission Guideline Updates

- Administrative Bulletin
- Timeline
- General Information

Announcement of QA Profile Reports

- In an effort to obtain the best possible data available, the Division has implemented a data quality assurance framework for standardization, examination, correction, and monitoring of the data.
- The Division currently engages in multiple activities to measure and improve the quality of the data: verification reports, monthly work group meetings
- Recently, the Division contracted with JEN Associates, Inc. of Cambridge, MA to design, develop and implement additional quality assurance reports and is happy to announce the first phase of reports!

Which Reports Are Currently Available?

- The QA Profile Reports for Medical Claim, Pharmacy Claim, Dental Claim and Member Eligibility are currently available.
- The QA Profile Reports for Provider and Product will be available soon.
- The QA Profile Reports include claim data submitted for the twelve months in 2010 and member eligibility data submitted for December 2010.
- All monthly submission files submitted prior to the February 2012 refresh are included in the QA Profile Reports.
- All monthly submission files submitted after February 2012 refresh are NOT included in the QA Profile Reports.

Naming Convention for the QA Profile Reports

- The following are examples of report name by filing type:
 - XXXXX_105_2010V01_2012_06.xls (for Medical Claim)
 - XXXXX_106_2010V01_2012_06.xls (for Pharmacy Claim)
 - XXXXX_107_2010V01_2012_06.xls (for Dental Claim)
 - XXXXX_108_20092010V01_2012_06.xls (for Member Eligibility)

Naming Convention for the QA Profile Reports cont'd

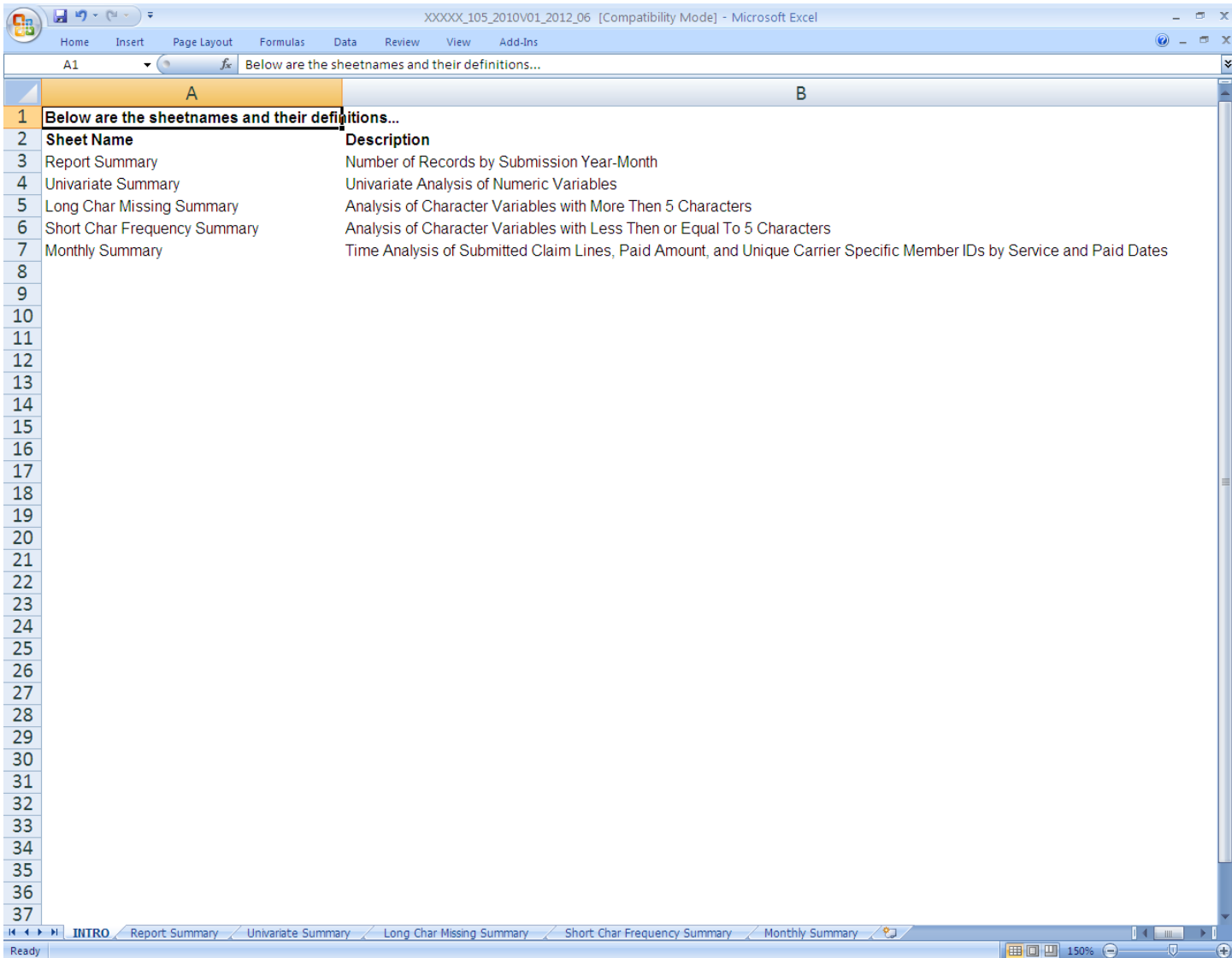
- Where XXXXX refers to OrgID which is the Carrier Submitter Code.
- Where Filing Type ID is:
 - 105 for Medical Claim
 - 106 for Pharmacy Claim
 - 107 for Dental Claim
 - 108 for Member Eligibility
- 2010V01 refers to the submission period of the **claims** data and the publishing version number of the report. 20092010V01 refers to the submission period of the **eligibility** data and the publishing version number of the report.
- 2012 refers to the publishing year of the report.
- 06 refers to the publishing month of the report.

Contents of the QA Profile Reports

- The QA Profile Reports contains the following six tabs:
 - Intro - Introduction
 - Report Summary - Number of records by submission Year-Month
 - Univariate Summary - Univariate analysis of numeric variables
 - Long Char Missing Summary - Analysis of character variables with more than 5 characters
 - Short Char Frequency Summary - Analysis of character variables with less than or equal to 5 characters
 - Monthly Summary -Time analysis of submitted records and unique IDs over time

Examples for the 6 tabs in the Medical Claims QA Profile Report

Intro Tab



XXXXX_105_2010V01_2012_06 [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Add-Ins

A1 Below are the sheetnames and their definitions...

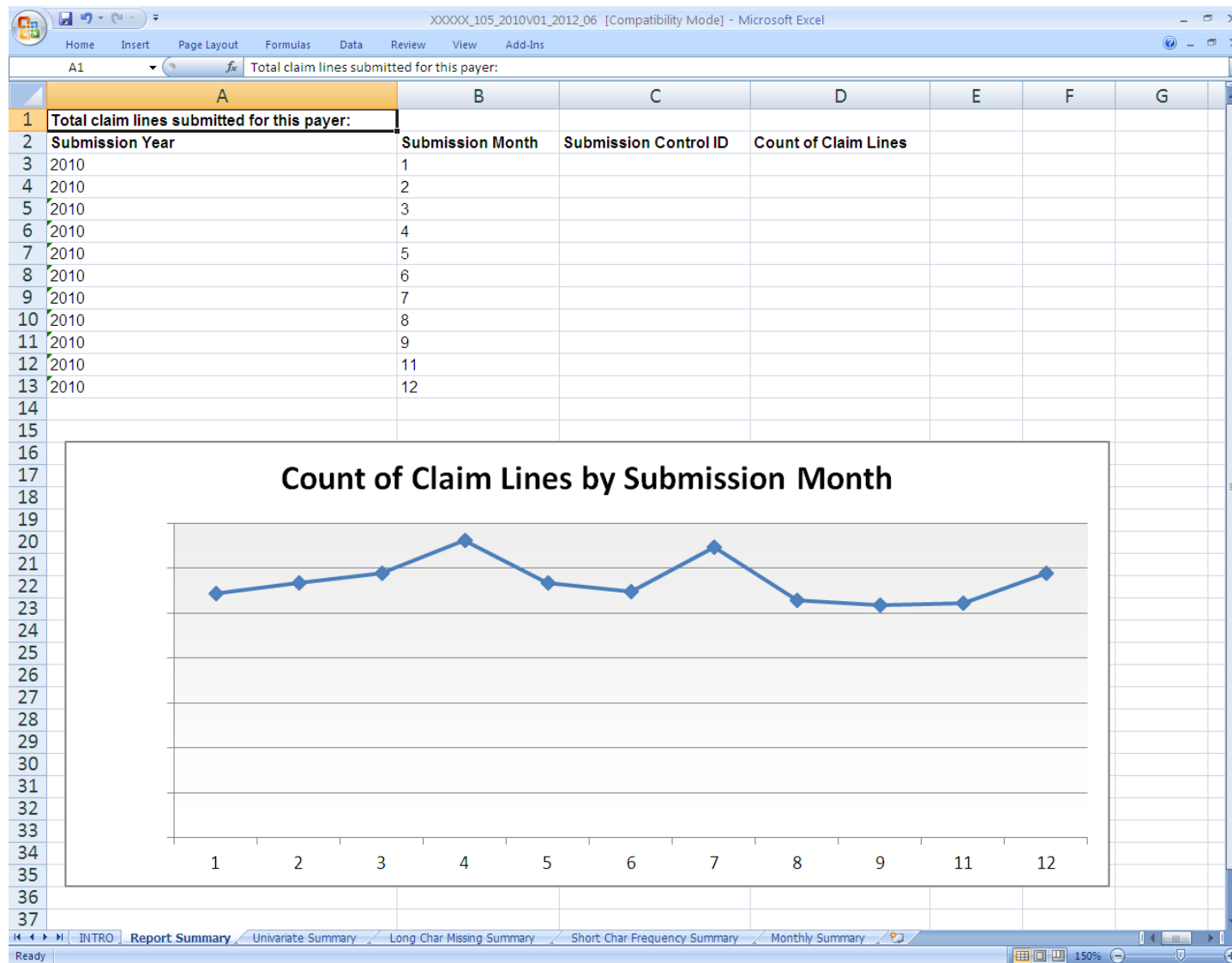
| | A | B |
|----|---|---|
| 1 | Below are the sheetnames and their definitions... | |
| 2 | Sheet Name | Description |
| 3 | Report Summary | Number of Records by Submission Year-Month |
| 4 | Univariate Summary | Univariate Analysis of Numeric Variables |
| 5 | Long Char Missing Summary | Analysis of Character Variables with More Than 5 Characters |
| 6 | Short Char Frequency Summary | Analysis of Character Variables with Less Than or Equal To 5 Characters |
| 7 | Monthly Summary | Time Analysis of Submitted Claim Lines, Paid Amount, and Unique Carrier Specific Member IDs by Service and Paid Dates |
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| 37 | | |

Ready

Intro Report Summary Univariate Summary Long Char Missing Summary Short Char Frequency Summary Monthly Summary

150%

Report Summary Tab



Univariate Summary Tab

XXXXX_105_2010V01_2012_06 [Compatibility Mode] - Microsoft Excel

HomeInsertPage LayoutFormulasDataReviewViewAdd-Ins

A1Variable

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | AC | AD | AE |
|----|--|-------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|------|---------------|--------|----------|------|-------|-------------------|-------------------|-------------------|-------------------|----------------|---------------|-------------------|-------------------|-------------------|-------------------|--------------------------------------|------------------------------|
| | Variable | Number of Records With Values | Quantile 100% | Quantile 99% | Quantile 95% | Quantile 90% | Quantile 75% | Quantile 50% | Quantile 25% | Quantile 10% | Quantile 5% | Quantile 1% | Quantile 0% | Mean | Std Deviation | Median | Variance | Mode | Range | 5th Highest Value | 4th Highest Value | 3rd Highest Value | 2nd Highest Value | High est Value | Low est Value | 2nd Low est Value | 3rd Low est Value | 4th Low est Value | 5th Low est Value | Number of Records with Missing Value | Z Records with Missing Value |
| 1 | MedicalClaimID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | OrgID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SubmissionControlID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | SubmissionYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | SubmissionMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | LineCounter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | VersionNumber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | MemberDateofBirthYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | MemberDateofBirthMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | MemberAge | | 125 | 93 | 87 | 82 | 71 | 54 | 36 | 17 | 8 | 0 | 0 | 52 | 24 | 54 | 562 | 63 | 125 | 111 | 111 | 111 | 111 | 125 | 0 | 0 | 0 | 0 | 0 | | |
| 11 | DateServiceApprovedAPDateYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7% | |
| 12 | DateServiceApprovedAPDateMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7% | |
| 13 | AdmissionDateYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61% | |
| 14 | AdmissionDateMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61% | |
| 15 | DateofServiceFromYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | DateofServiceFromMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | DateofServiceToYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | DateofServiceToMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Quantity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | ChargeAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | PaidAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | PrepaidAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | CopayAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | CoinuranceAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | DeductibleAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | DischargeDateYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | DischargeDateMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60% | |
| 28 | PaidDateYear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60% | |
| 29 | PaidDateMonth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | CoveredDays | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | NonCoveredDays | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | CoordinationOfBenefitsTPLLiabili | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | OtherInsurancePaidAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | MedicarePaidAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | AllowedAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | NonCoveredAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | ExcludedExpenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | WithholdAmount | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | LineNumber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | QAETLControlID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | Days from End of Service to Payment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | Days from Beginning of Service to End of Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Long Char Missing Summary Tab

XXXXX_105_2010V01_2012_06 [Compatibility Mode] - Microsoft Excel

| Variable | | | | | | |
|----------------------------------|---------------------------------------|---|-------------------------------|-----------------------------------|--|--|
| Variable | Number of Records with Missing Values | Number of Records with Non-Missing Values | % Records with Missing Values | % Records with Non-Missing Values | | |
| Payer | | | 0% | 100% | | |
| NationalPlanID | | | 100% | 0% | | |
| PayerClaimControlNumber | | | 0% | 100% | | |
| InsuredGrouporPolicyNumber | | | 0% | 100% | | |
| SubscriberSSN | | | 0% | 100% | | |
| PlanSpecificContractNumber | | | 0% | 100% | | |
| MemberSuffixorSequenceNumber | | | 0% | 100% | | |
| MemberSSN | | | 0% | 100% | | |
| MemberDateofBirth | | | 0% | 100% | | |
| MemberCityName | | | 0% | 100% | | |
| MemberZIPCode | | | 0% | 100% | | |
| ServiceProviderNumber | | | 0% | 100% | | |
| ServiceProviderTaxIDNumber | | | 0% | 100% | | |
| NationalServiceProviderID | | | 3% | 97% | | |
| ServiceProviderFirstName | | | 47% | 53% | | |
| ServiceProviderMiddleName | | | 57% | 43% | | |
| ServiceProviderLastNameorOrganiz | | | 0% | 100% | | |
| ServiceProviderSuffix | | | 33% | 67% | | |
| ServiceProviderSpecialty | | | 2% | 98% | | |
| ServiceProviderCityName | | | 0% | 100% | | |
| ServiceProviderZIPCode | | | 0% | 100% | | |
| AdmittingDiagnosis | | | 81% | 19% | | |
| ECode | | | 99% | 1% | | |
| PrincipalDiagnosis | | | 0% | 100% | | |
| OtherDiagnosis1 | | | 45% | 55% | | |
| OtherDiagnosis2 | | | 74% | 26% | | |
| OtherDiagnosis3 | | | 84% | 16% | | |
| OtherDiagnosis4 | | | 92% | 8% | | |
| OtherDiagnosis5 | | | 94% | 6% | | |
| OtherDiagnosis6 | | | 96% | 4% | | |
| OtherDiagnosis7 | | | 97% | 3% | | |
| OtherDiagnosis8 | | | 98% | 2% | | |
| OtherDiagnosis9 | | | 99% | 1% | | |
| OtherDiagnosis10 | | | 99% | 1% | | |
| OtherDiagnosis11 | | | 99% | 1% | | |
| OtherDiagnosis12 | | | 99% | 1% | | |
| RevenueCode | | | 62% | 38% | | |
| ProcedureCode | | | 6% | 94% | | |
| ICD9CMPProcedureCode | | | 87% | 13% | | |
| PatientControlNumber | | | 1% | 99% | | |
| ServiceProviderCountryCode | | | 0% | 100% | | |
| DRG | | | 97% | 3% | | |
| DrugCode | | | 100% | 0% | | |
| BillingProviderNumber | | | 0% | 100% | | |
| NationalBillingProviderID | | | 2% | 98% | | |
| BillingProviderLastNameorOrganiz | | | 0% | 100% | | |
| ProductIDNumber | | | 0% | 100% | | |
| ReasonForAdjustment | | | 41% | 59% | | |
| MemberStreetAddress | | | 0% | 100% | | |
| LOINCCode | | | 100% | 0% | | |
| DelegatedBenefitAdminist | | | 100% | 0% | | |

Ready

INTRO Report Summary Univariate Summary **Long Char Missing Summary** Short Char Frequency Summary Monthly Summary

Short Char Frequency Summary Tab

XXXXX_105_2010V01_2012_06 [Compatibility Mode] - Microsoft Excel

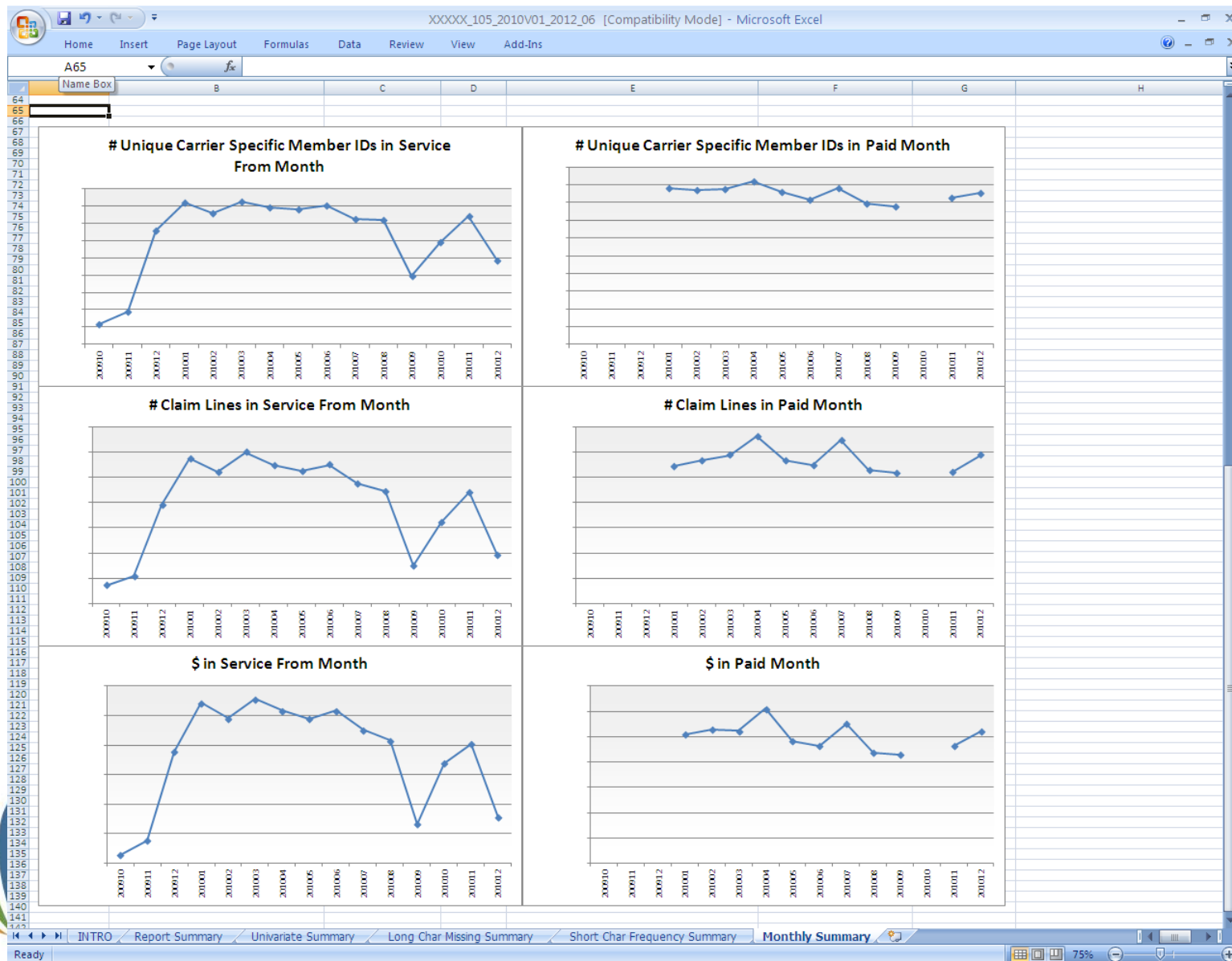
| | A | B | C | D | E | F | G | H |
|----|-----------------------|------------------|-----------|---------|--------------|------------|---|---|
| 1 | Variable | Value | Frequency | Percent | CumFrequency | CumPercent | | |
| 14 | MemberGender | Number_of_Levels | 2 | | | | | |
| 15 | MemberGender | F | | 59% | | 59% | | |
| 16 | MemberGender | M | | 41% | | 100% | | |
| 17 | MemberStateorProvince | Number_of_Levels | 1 | | | | | |
| 18 | MemberStateorProvince | MA | | 100% | | 100% | | |
| 19 | AdmissionHour | Number_of_Levels | 25 | | | | | |
| 20 | AdmissionHour | | | 88% | | 88% | | |
| 21 | AdmissionHour | 0000 | | 2% | | 90% | | |
| 22 | AdmissionHour | 1200 | | 1% | | 92% | | |
| 23 | AdmissionHour | 1000 | | 1% | | 92% | | |
| 24 | AdmissionHour | 0900 | | 1% | | 93% | | |
| 25 | AdmissionHour | 1100 | | 1% | | 94% | | |
| 26 | AdmissionHour | 0800 | | 1% | | 95% | | |
| 27 | AdmissionHour | 1400 | | 1% | | 96% | | |
| 28 | AdmissionHour | 1300 | | 1% | | 96% | | |
| 29 | AdmissionHour | 1500 | | 1% | | 97% | | |
| 30 | AdmissionHour | 1600 | | 1% | | 97% | | |
| 31 | AdmissionHour | 0700 | | 0% | | 98% | | |
| 32 | AdmissionHour | 1700 | | 0% | | 98% | | |
| 33 | AdmissionHour | 1800 | | 0% | | 98% | | |
| 34 | AdmissionHour | 0600 | | 0% | | 99% | | |
| 35 | AdmissionHour | 1900 | | 0% | | 99% | | |
| 36 | AdmissionHour | 2000 | | 0% | | 99% | | |
| 37 | AdmissionHour | 2100 | | 0% | | 99% | | |
| 38 | AdmissionHour | 2200 | | 0% | | 99% | | |
| 39 | AdmissionHour | 0500 | | 0% | | 100% | | |
| 40 | AdmissionHour | 2300 | | 0% | | 100% | | |
| 41 | AdmissionHour | 0100 | | 0% | | 100% | | |
| 42 | AdmissionHour | 0200 | | 0% | | 100% | | |
| 43 | AdmissionHour | 0300 | | 0% | | 100% | | |
| 44 | AdmissionHour | 0400 | | 0% | | 100% | | |
| 45 | AdmissionTime | Number_of_Levels | 7 | | | | | |

Ready

INTRO Report Summary Univariate Summary Long Char Missing Summary Short Char Frequency Summary Monthly Summary

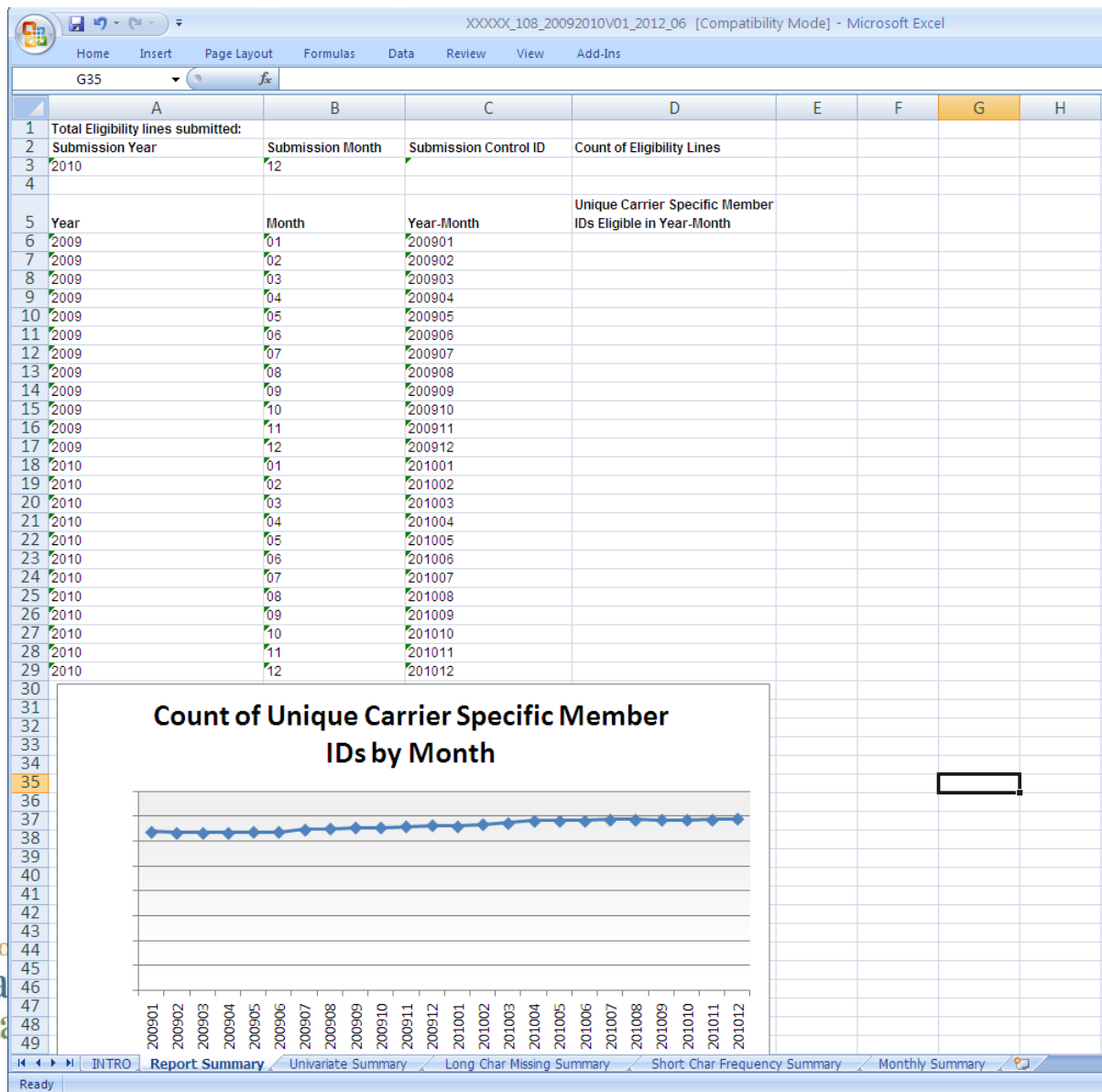
175%

Monthly Summary Tab



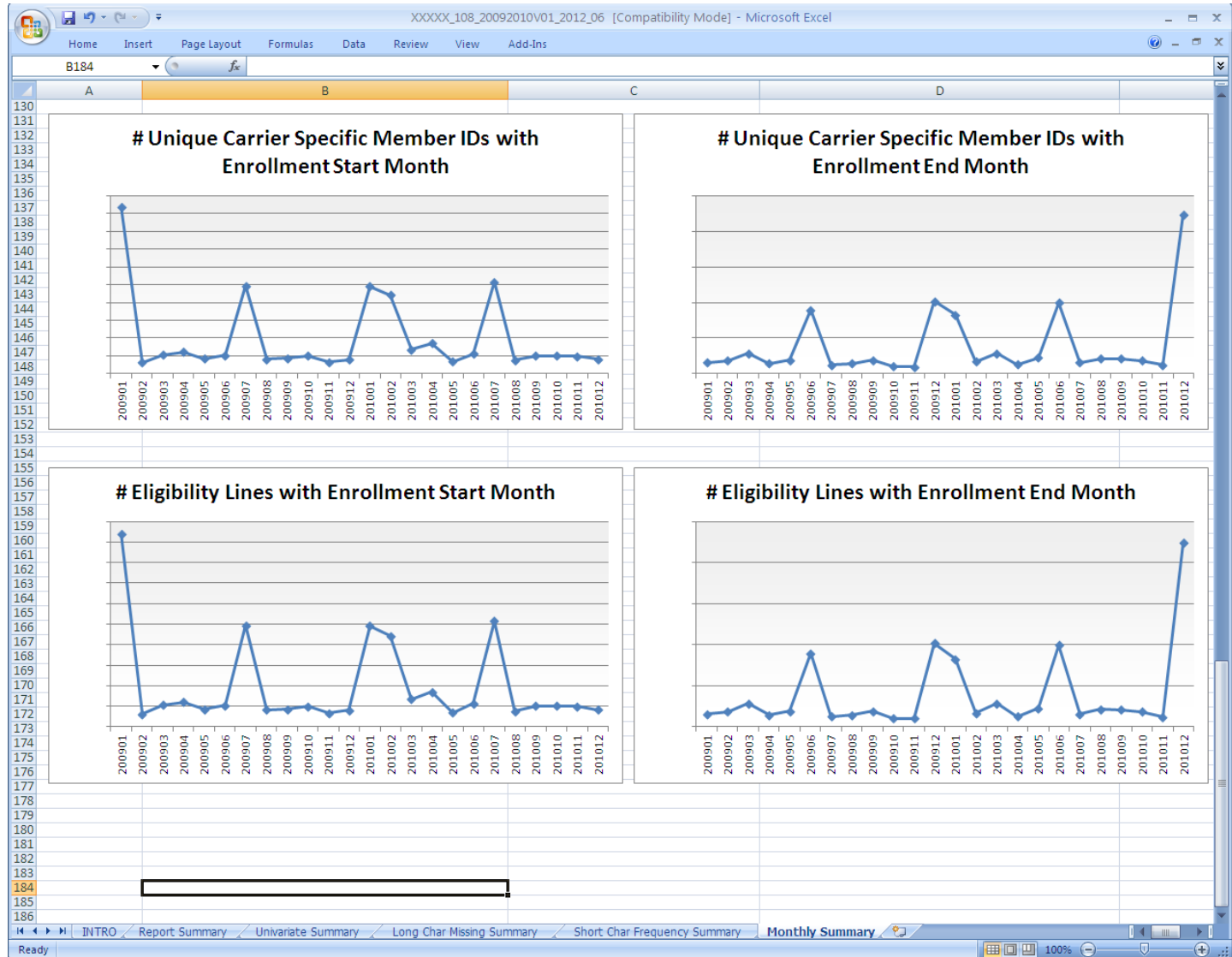
Examples for the Eligibility QA Profile Report

Report Summary Tab



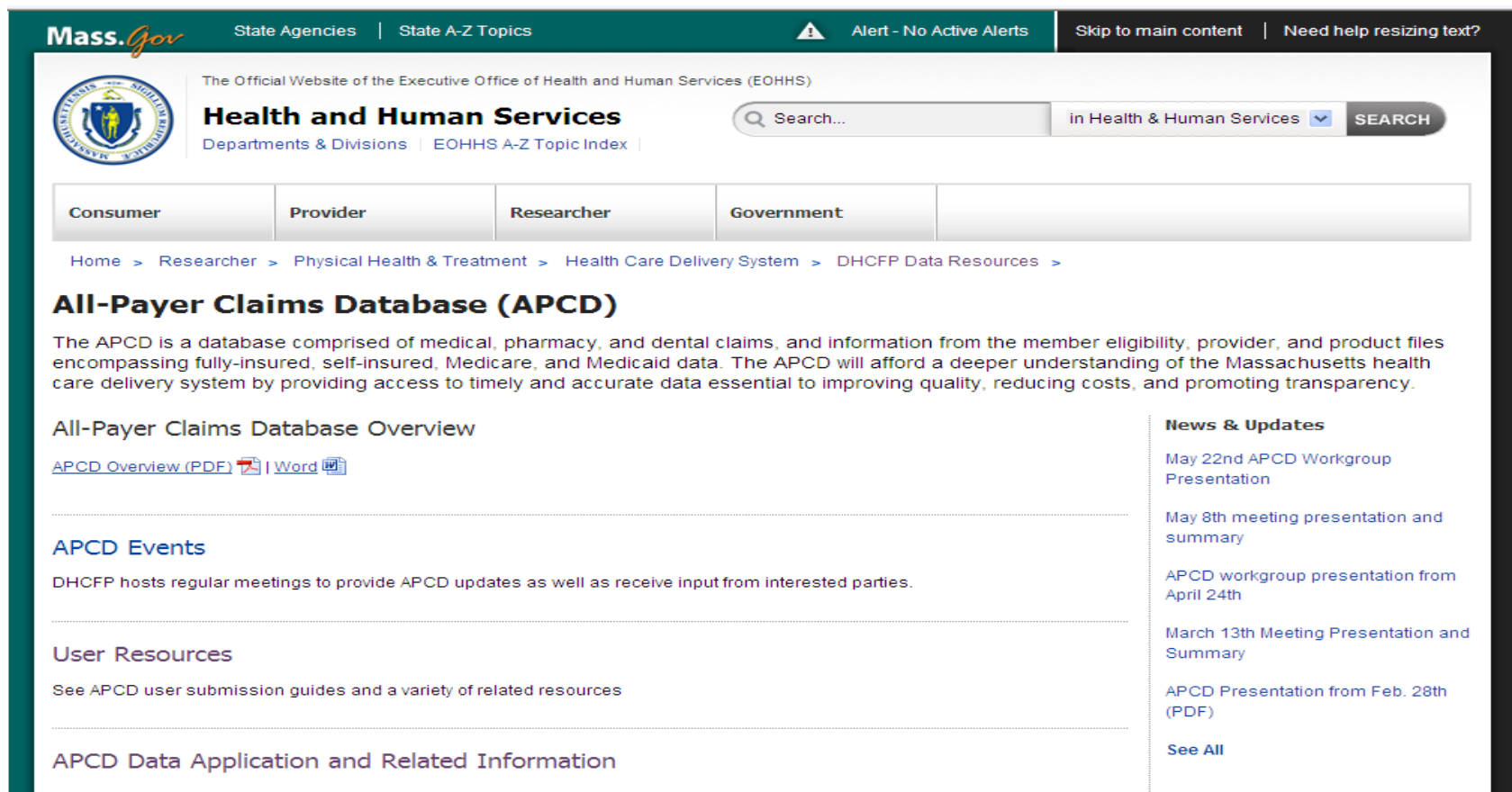
DIVISION
Health
Financial Services

Monthly Summary Tab



APCD Resources for Payers

Updated APCD Website - www.mass.gov/dhcfp/apcd



The screenshot shows the official website of the Executive Office of Health and Human Services (EOHHS) for the All-Payer Claims Database (APCD). The header includes the Mass.gov logo, navigation links for State Agencies and State A-Z Topics, an alert bar indicating no active alerts, and links to skip to main content or need help resizing text. The main content area features the EOHHS logo, a search bar, and a navigation menu with tabs for Consumer, Provider, Researcher, and Government. The Researcher tab is selected, leading to a breadcrumb trail: Home > Researcher > Physical Health & Treatment > Health Care Delivery System > DHCFP Data Resources >. The main heading is "All-Payer Claims Database (APCD)", followed by a paragraph describing the database's purpose. Below this are sections for "All-Payer Claims Database Overview" (with links to PDF and Word versions), "APCD Events" (noting regular meetings), "User Resources" (linking to submission guides), and "APCD Data Application and Related Information". A right-hand sidebar titled "News & Updates" lists recent presentations: May 22nd APCD Workgroup Presentation, May 8th meeting presentation and summary, APCD workgroup presentation from April 24th, March 13th Meeting Presentation and Summary, and APCD Presentation from Feb. 28th (PDF), with a "See All" link at the bottom.

Mass.gov State Agencies | State A-Z Topics Alert - No Active Alerts Skip to main content | Need help resizing text?

The Official Website of the Executive Office of Health and Human Services (EOHHS)

Health and Human Services
Departments & Divisions | EOHHS A-Z Topic Index

Search... in Health & Human Services SEARCH

Consumer Provider Researcher Government

Home > Researcher > Physical Health & Treatment > Health Care Delivery System > DHCFP Data Resources >

All-Payer Claims Database (APCD)

The APCD is a database comprised of medical, pharmacy, and dental claims, and information from the member eligibility, provider, and product files encompassing fully-insured, self-insured, Medicare, and Medicaid data. The APCD will afford a deeper understanding of the Massachusetts health care delivery system by providing access to timely and accurate data essential to improving quality, reducing costs, and promoting transparency.

All-Payer Claims Database Overview

[APCD Overview \(PDF\)](#) | [Word](#)

APCD Events

DHCFP hosts regular meetings to provide APCD updates as well as receive input from interested parties.

User Resources

See APCD user submission guides and a variety of related resources

APCD Data Application and Related Information

News & Updates

- May 22nd APCD Workgroup Presentation
- May 8th meeting presentation and summary
- APCD workgroup presentation from April 24th
- March 13th Meeting Presentation and Summary
- APCD Presentation from Feb. 28th (PDF)

[See All](#)

APCD Resources for Payers

Updated USER RESOURCES section -

User Resources - Health and Human Services - Mass.Gov - Windows Internet Explorer






















http://www.mass.gov/eohhs/researcher/physical-health/health-care-delivery/hcf-data-resources/apcd/user-resources.html

Google

Favorites User Resources - Health and Human Services - Mass....

Page Safety Tools

All-Payer Claims Database User Submission Guides

| User Submission Guides | Format | Edits |
|---|---|--|
| Medical Claims File Submission Guide | PDF  / Word  | Zip File  |
| Pharmacy Claims File Submission Guide | PDF  / Word  | Zip File  |
| Dental Claims File Submission Guide | PDF  / Word  | Zip File  |
| Member Eligibility File Submission Guide | PDF  / Word  | Zip File  |
| Product File Submission Guide | PDF  / Word  | Zip File  |
| Provider File Submission Guide | PDF  / Word  | Zip File  |
| | | |
| Master List of File Edits (includes edits to Medical Claims, Dental Claims, Pharmacy Claims, Member Eligibility, Product File, and Provider File) | PDF  / Excel  | Zip File  |

Internet 200%

APCD Technical Assistance Group (TAG) meeting with Payers

- Monthly meeting to provide technical assistance and provide updates on recent APCD developments
- Payers are encouraged to send at least one designee to participate in the discussion
- 2nd Tuesday of each month @ 2pm EST
- Link to webinar registration for meetings through 2012
<https://www3.gotomeeting.com/register/941044990>

Q&A with Health Care Payers

- Questions emailed to APCD Liaisons
- Questions emailed to DHCFP (dhcfp.apcd@state.ma.us)
- Questions on the Data Release and Application emailed to DHCFP (apcd.data@state.ma.us)
- Open discussion

For more information:

| Upcoming Schedule | |
|---|---------------------------|
| APCD Combined Workgroup 4 th Tuesday of each month | Next meeting on June 26th |
| APCD Technical Assistance Group (TAG) Webinar 2 nd Tuesday of each month | Next meeting on July 10th |

- Send questions and feedback to dhcfp.apcd@state.ma.us
- For more information, including important updates and events, please visit: www.mass.gov/dhcfp/apcd